

# Home & Office UPS BROCHURE

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# PROTECT HOME.

## SINGLE PHASE IN / OUT UPS SYSTEM

Uninterruptible Power Supply

1-Phase Input; 1-Phase Output

600 VA power supply with integrated batteries



### Uninterruptible security for PCs and multimedia

Protect yourself with an uninterruptible power supply against data loss. With an output of 600 VA, Protect Home. protects. It measures and protects against the consequences of power outages, voltage fluctuations and dangerous power spikes.

#### Appropriate protection

Protect Home. is especially designed for domestic multimedia applications. It provides complete surge protection for telephone, fax and modem.

Consumers are connected directly to protected sockets directly through the UPS.

Protect Home. has all of the features that current technology can provide to protect your valuable equipment from short circuit and power overload.

#### Easy to use

The clear "one board" design and LED indicators let you know about the most important operating conditions. This ease of use is complemented by an audible alarm.

#### Easy to control

Protect Home. can be connected quickly and easily with a PC or Mac via the USB or RS232 interfaces.

Through the included AEG shutdown software "Compuwatch", the unit allows you to control the most important operations as well as providing automatic shutdown during longer power outages.

### Main characteristics

- » Rugged UPS technology for power outages, voltage fluctuations and spikes
- » USB and RS232 interface for control and management for PC and MAC
- » Fully fledged "CompuWatch" "plug & play" software
- » Data line protection (telephone, fax and modem)
- » User friendly battery design
- » Individual operation, wall mountable
- » 1 output for connecting consumers with high power requirements such as laser printers
- » 36 month warranty with advanced exchange service (free registration required)

Best features:

Comprehensive protection for telephone, fax or modem, USB and serial port for communication with your PC or MAC.

# PROTECT HOME.

SPECIFICATION

Classification VFD SY 322 acc. to IEC 62040-3	Protect Home.
Power type rating	600 VA 300 W
Part number	600 001 1844
<b>UPS INPUT</b>	
Input voltage	230 V AC
Voltage range without battery supply	+6 % / -10 %
Frequency	50 Hz / 60 Hz $\pm$ 5 Hz
Current consumption	3 A
<b>UPS OUTPUT</b>	
Rated output voltage	230 V AC
Rated output voltage in battery mode	$\pm$ 10 %
Frequency in battery mode	50 Hz / 60 Hz $\pm$ 1 Hz
Output current	2.6 A
Transfer time at mains outage	2 – 6 ms (typical)
Voltage waveform	Modified sine wave
Overload/ short circuit protection	Yes
<b>BATTERY</b>	
Type	Sealed, maintenance free (proprietary brand)
Autonomy time for 1 PC with 17" TFT	~ 10 min.
Overload/ deep discharge protection	Yes
Recharge time (to 90 % of rated capacity)	8 h
<b>COMMUNICATION</b>	
Interfaces	USB and RS232 for status and measurement levels
Shutdown software (on CD)	Included for all mainstream operating systems (e.g. Windows, Linux, MAC)
Failure indicators (acoustic/visual)	Mains failure, overload, battery low, fault
<b>GENERAL DATA</b>	
Audible noise (1 m distance)	<40 dB(A) (fanless)
Operating temperature range	0° – 40°C
Humidity	20 – 90 %
Operation altitude	Up to 1000 m at nominal load
EMC conformity	EN 62040-2 Class C2, EN 61000-3-2, EN 61000-3-3
Product safety	EN 62040-1
Data line protection	RJ11 (telephone, fax, modem)
Outputs	4 shock proof sockets (4 x surge protection, 3 x UPS protection)
Equipment color	Blackline, high gloss finish
Dimensions approx. W x H x D (mm)	137 x 96 x 310
Weight approx.	3.5 kg
Shipment	Mains input cord, Management software "CompuWatch" (CD), USB and RS232 communication cable, operating instructions
Conformity	CE

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# PROTECT ALPHA

## UNINTERRUPTIBLE POWER SUPPLY

Type rating 450 VA – 1200 VA



VI

### Uninterruptible power and protection

Protect your system against loss of data when it matters with an uninterruptible power supply. The Protect alpha series offers effective and economical data protection during power failure, dangerous power surges and voltage fluctuations.

Protect alpha proves itself in critical situations with its high availability due to a sturdy overload and excess voltage protection, as well as a wide input voltage range.

### Strong reliability for various applications

The reliable "One-Board-Design" and its strong case makes the Protect alpha the perfect power solution for rough environments. With its easy control and compact dimensions it can be used in various applications. All models are characterized by their microprocessor control, an automatic voltage regulation and their deep discharge protection.

### Protection against power failure and voltage fluctuations

- » Modern VI (line-interactive) technology against power failure and dangerous overvoltage
- » Automatic voltage regulation against mains voltage deviations (AVR)
- » Easy installation ensured by cables supplied and optimum operation
- » Use of sealed, maintenance-free lead-acid batteries with exhaustive discharge protection
- » USB port communication interface
- » Fully fledged "CompuWatch" plug & play software
- » Data line protection for phone, fax and modem (RJ11)
- » Compact dimensions and light weight

# PROTECT ALPHA

SPECIFICATION

Classification VI SY 322 acc. to IEC 62040-3	alpha 450	alpha 600	alpha 800	alpha 1200
Type rating	450 VA	600 VA	800 VA	1200 VA
	240 W	360 W	480 W	600 W
UPS INPUT				
Nominal connection voltage	230 VAC			
Voltage range without battery operation	170 – 280 VAC			
Frequency (automatic detection)	50 Hz / 60 Hz ±5 Hz			
UPS OUTPUT				
Rated output voltage / AVR technology	230 VAC			
Rated output voltage in battery operation	±10 %			
Frequency in battery operation	50 Hz / 60 Hz ±1 Hz			
Nominal output current (at 230 VAC)	2 A	2.6 A	3.5 A	5.2 A
Changeover time in the event of mains failure	4 – 8 ms (typical)			
Voltage curve	Modified sine wave			
Overload protection	Yes			
BATTERY				
Type	Sealed, maintenance-free			
Autonomy time at 120 W	~5 min.	~10 min.	~15 min.	~20 min.
Exhaustive discharge protection / protection against excess load	Yes			
Charging time (to 90 % of rated capacity)	6 h			
COMMUNICATION				
Interfaces	USB			
Indicator	AC mode, battery mode			
Audible alarms	Backup mode, low battery, overload, fault			
Status display	LED display			
GENERAL DATA				
Inherent noise (1m distance)	<40 dB(A)			
	Fanless			
Operating temperature range	0° – 40°C			
Relative humidity	0 – 90 % (without condensation)			
Load outputs	4 x IEC 320 C13			6 x IEC 320 C13
Overvoltage protection for data lines	RJ11 (phone, fax, modem)			
Housing color	Blackline			
Dimensions approx. W x H x D (mm)	100 x 143 x 278			139 x 195 x 365
Weight approx.	3.5 kg	4.4 kg	5.0 kg	8.6 kg
Scope of delivery	Mains connection, management software “CompuWatch” (CD), 1 device connecting cable, 1 USB cable, operating instructions			

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